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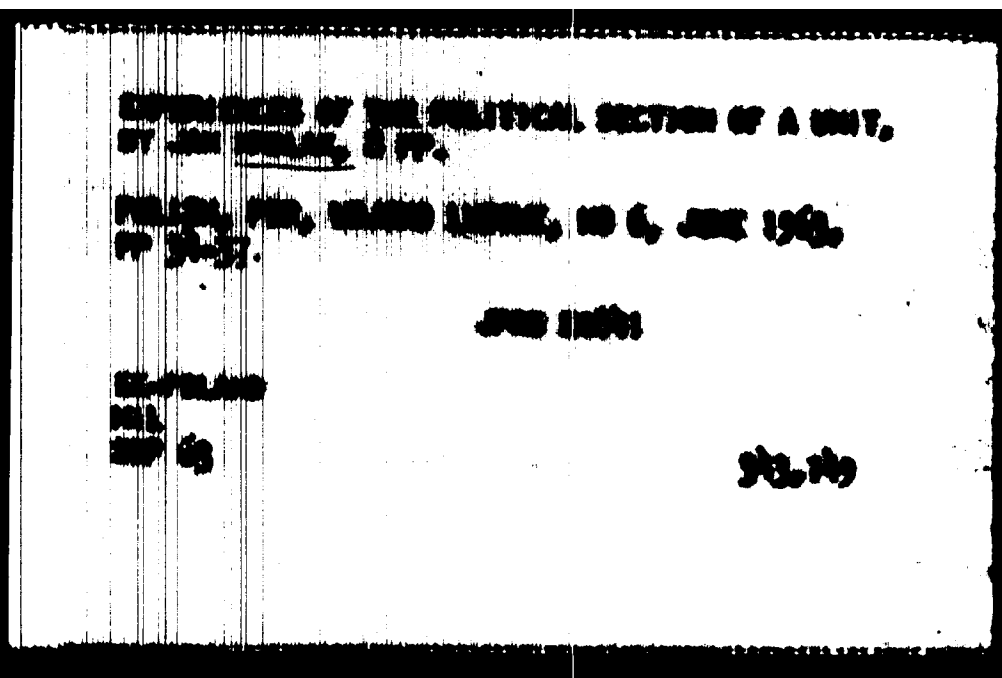
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 Cable, Mathematical analysis

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REMOVAL OF LITHIUM FROM ITS ALUMINUM-
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Order from OTR or SLA \$1.60

63-16081

Trans. of Belgium patent 521,159, appl. 2 July 53,
issued 31 July 53, by Compagnie Géologique et
Minière des Ingénieurs et Industriels Belges "Géomines",
Limited Liability Co. (appl. Luxembourg, 22 Aug 52
and 26 June 53).

DESCRIPTORS: *Material separation, *Lithium, *Ion
exchange, Aluminum compounds, Silicates, Salts,
Manufacturing methods, Ores (Metal sources).

The invention proposes a process for extracting lithium
from the aluminum-silicate ores based on the exchange
(under heat) of lithium cations with alkaline cations and
distinguished by the fact that salts are used for the ion
(Engineering--Chemical, TT, v. 10, no. 8)

63-16081

- I. Title: Specimens
- I. Kroll, A. V.
- II. Patent (Belgium) 521 159

AL47810

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Diffraction Spectra of Synthetic Melite Phases,
by E. B. Kroll, E. B. Kroll, 39 pp.
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Geological Survey, U.S. Department of
Interior, 1964, pp 113-157. 191110107
ADC UCL Tr-1344

E. B. Kroll

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Sci - Materials
June 67

Investigation of the Stirring of Molten
Polymers Synthesized from Technically Pure
Monomers, by E. B. Kroll', A. N. Polubodanov,
47 pp.

64
MOSCOW, 1964, Inst. Chemical Process, Moscow:
Institute of Chemical Process, Moscow, 1964, 47 pp.
No. 14, 1964, pp. 147-147. 1/11/64
ACC UCLL Tr-1345

E. B. Kroll'

336,949

Sci - Materials
Sep 67

Fabrication of Swaged UO₂ Fuel Elements,
by P. Hoffmann, H. Kroll, et al, 19 pp.
GRIFFMAN, rpt, 1965.
AEC-NP-Tr-1156

Sci-Fuels & Prop
Dec 64

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Kroll, H., ed.
FABRICATION OF SWAGED FUEL ELEMENTS.
 Quarterly rept. B, 1 Apr-30 June 62, on
 Contract 062-61-7 RND. [1962] 33p.
 Order from OTS or SLA \$3.60

BURABC-172

Trans. of a rept. from Nuklear-Chemie und -Metall-
 lurgie G.m.b.H., Wolfgang bei Hanau a. M.
 (West Germany) n. d.

DESCRIPTORS: *Reactor fuel elements, Fuelelements,
 *Uranium compounds, *Dioxides, Powder metallurgy,
 Reactor fuel cladding, Molding, Vibration, Tests,
 Tools, Mechanical working, Material forming.

Topics include: UO_2 melting (Fabrication of G powder);
 cladding material; pre-compacting by vibration;
 swaging tests; and tests on the swaged fuel element
 (O/U ratio; density measurements, metallographic
 investigations, heat conductivity measurements).
 (See also BURABC-323)

63-15801

- I. Kroll, H.
- II. BURABC-372
- III. European Atomic Energy
Community, Brussels
(Belgium)

1542707

(Nuclear Physics--Nuclear
 Engineering, ITL, 10, no. 3
 May 1962)

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The Drying of Shapeless Materials and
Its Principles, by K. Kroll.
GUMMAN, per, Euro-Ceram, Vol. XIII, No 9,
1963, pp 298, 307.
Chem Trans SV No 2594

K. Kroll

Sci-Materials
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Movement of Moisture in Conifers During Dry Periods at
Temperatures Around 10°C. 1st pt. General Investigation
by Karl Frolle, 27 pp.

GERMAN, per, Holz als Roh- und Werkstoff, Vol. IX,
No 5 May 1951, pp 176-181.

S.L.A. T: No 340/1955

Scl - Engineering
Jan 1957 CTS/dex

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**Movement of Moisture in Conifers During Drying
at 100° Temperatures. Part II. Special
Processes of Movement in Conifers, by Earl Kroll.**

GERMAN, Holz als Roh- und Werkstoff 9, No 5
pp 176-181 & no 6 pp 211-224, 1951.
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La reductibilite de l'oxyde de beryllium, by
J. Kroll, 6 pp.

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Vol CCCL, 1939, pp 331-336.

Reverse Translation
CEA-A-1075

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Dnr 64

Eastern Europe/ Sci

The Reducibility of Beryllium Oxide, by W. Kroll, S.
GERMAN, Zeitschrift für Anorganische Chemie, Vol 204,
1939. pp 337-338 AEC Trans

CTS. Oak 49(1/49)

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KROLL, W.

Electrothermic Refining of Metals

METALL. & KRZ, vol 29, 1932, pp 365-367, 2400 words.

Brutcher No 2, \$4.80

Bullhead Iron, by W. Kroll, 5 p.

GERMAN, per, Zeit Elektrochemie, 1934, Vol XL.
No 6, pp 303-306.

SLA 59-20937

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Mar 60
Vol. 3, No. 1

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KROLI, W.

Metallwirtschaft, vol. 13, pp. 21-23, : 1934,
1900 words; 1934.

Desulphurization of Iron with Ferrosilicon.

Brutcher Trans., Order No. 53, \$1.90

Krell, W.
DUCTILE CHROMIUM (1944) (Op) 18 refs
Order from SLA \$1.10 TT-48-2086
Trans. of Zelt[schick] Str Anorg[unische] u[nd]
Allgem[eine] Chem[ie] (Germany) 1938, v. 226, p. 23-32

TT-48-2086

I. Krell, W.

(Classification--Foreign Media, TT, v. 12, no. 2)

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Kunciewicz, Leszek.
CRITERIA FOR DETERMINATION OF THE APPLI-
CABILITY OF FABRICS AS A FILTER MATERIAL.
(1964) (21p) (Type credited)
Order from SLA \$2.80

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Trans. of Staub (West Germany) 1963, v. 23, no. 4,
p. 304-309.

(Materials--Textiles, TT, v. 12, no. 1)

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I. Kunciewicz, L.

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METALLWIRTSCHAFT, vol 13, 1934

Refining of Metallic Chromium, Aluminum, Silicon, and Beryllium by Vaporization under High Vacuum.

Butcher #196, \$9.80

Metallurgical Use of Anhydrous Chlorides, Their
Production and Properties, by W. Kroll, 41 pp.

GERMAN, per, Metall und Erz, Vol XXXVI, No 4, 1939,
pp 101-106,, No 5, 1939, pp 125-131.

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Sci - Min/Met

38, 316

Aug 56 CTS/Sec

The Importance of Non-Metallic Cycles in
the Cycle of Organic Matter in Soil
With Special Reference to the Carbon Cycle
Effect of Ellagic Acid on the Reaction
Building Up and Breaking Down Humic Acid
by G. Schindler, W. Kroll.

GERMANY, 3 par. Agrochimica Vol. IV
No. 2, 1963, pp 97-109.

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Sci - Chem
Agric Biol Sci

KROLL, W.

Advances in the Field of Metal Separation.

METALL UND ERZ, vol 35, 1938, pp 252-254 and
282-286; 7900 words.

Brutcher No 653, \$ 7.90

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1937, 11.

Wissenschaftliche Veroeffentlichungen der Kaiserlichen
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Erfinder, Trans. Order No. 1937, 11.

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Kroll, W. J.
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[18]p. 41 refs.

Order from SLA \$11.60

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Trans. of Metall (West Germany) 1955, v. 9, no. 1-2,
p. 1-6.

DESCRIPTORS: *Titanium, Metallurgy, Oxides, Iron
compounds, Titanium compounds.

(Metallurgy - Light Metals, TT, v. 9, no. 1-2)

Order from SLA \$11.60

Kroll, W. J.
MELTING BY THE ELECTRIC ARC IN VACUUM.
[1963] 20p. 17 refs.
Order from SLA \$1.60

63-16862

Trans. of Metall (West Germany) 1957 (v. 11, no. 1)
p. 1-7.

DESCRIPTORS: *Titanium, *Zirconium, Melting,
*Electric arcs, *Glow discharges, Oases, Absorption,
*Vacuum systems, *Electrodes, Porous metals,
Impurities, Hydrogen, Chlorides, Magnesium,
Vaporization.

Topics include: Electrical phenomena in gases in a
partial vacuum; the glow discharge; the sponge elec-
trode and its behavior; the hydrogen problem; the pro-
portion of sponge electrodes in vacuum melting; and
melting under low partial pressure.
@Metallurgy, TT, v. 10, no. 7)

63-16862

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Current Problems of the Metallurgy of
Titanium: Part 2 & 3, by W. J. Kroll.

GERMAN, per, Metall, Vol IX, No 9/10,
1955, pp 366-376.

RAE Farnborough Tr 558

Sci - Minerals/Metals

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Alloys of Deformable Chromium, by Wilhelf Kroll,
8 pp.

GERMAN, per, Z fuer Metallkunde, Vol XXVIII, No
10, 1936, pp 317-319.

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Aug 61